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(54) Title: PROCESS AND APPARATUS FOR CLEANING OF WASTE WATER

(57) Abstract

A process for cleaning of waste water and a corresponding apparatus for the embodiment hereof is described. By the process a column step is combined with a heat exchanging step, where the vapours from the waste water are led to the column, where the compounds in the waste water, which comprise more and less mobile compounds in relation to the mobility of the water, including inter alia weak acids and weak bases, will react and can be removed. By cleaning of manure an essential reaction between acetic acid and ammonia will occur. Additional compounds, including the more mobile compounds, inter alia ammonia, are conducted as steam via a compression step further on to the heat exchanger, where they condense and flow countercurrently to its own condensate. From the heat exchanger the more mobile content compounds can hereafter as steam be removed for possible further heat exchanging. The well cleaned waste water can at the bottom be drained off as condensate. By heat exchanging of manure an essential part of the more mobile compounds will consist of ammonia, which drained off at the top of the heat exchanger.

